

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Please cancel claims 1, 4, 7, 8, 11 and 17-53 without prejudice or disclaimer.

Please rewrite claims 2, 3, 5, 6, 9, 10 and 12-16 as follows:

Please add new claims 54-63 as follows:

Listing of Claims:

1. (canceled)
2. (currently amended) The lithium secondary cell according to claim ~~1~~54, wherein at least one of said plate member, said external terminal member, and said internal terminal member is ~~one~~ produced by press processing or cold forging.
3. (currently amended) The lithium secondary cell according to claim ~~1~~54, wherein at least two of said plate member, said external terminal member and said internal terminal member are produced by a method selected from a group consisting of friction bonding, brazing, welding, clamping and forging clamping, and any combination of those methods.
4. (canceled)
5. (currently amended) The lithium secondary cell according to claim ~~1~~54, wherein the central axis of said winding core is coaxial with the central axis of said cell case.
6. (currently amended) The lithium secondary cell according to claim ~~1~~54, wherein said external terminal member has a hollow portion so that ~~said hollow portion~~ functions as a pressure release path of said pressure release hole.
7. (canceled)
8. (canceled)

9. (currently amended) The lithium secondary cell according to claim 755, wherein said elastic body electrically insulates the positive ~~electrode~~ and the negative electrode plates electrically from one another.

10. (currently amended) The lithium secondary cell according to claim 755, wherein said elastic body has an electric resistivity of not less than $10^{10} \Omega/\text{cm}$.

11. (canceled)

12. (currently amended) The lithium secondary cell according to claim 755, wherein ~~the~~ an amount of deformation ~~amount of~~ said elastic body in a direction ~~of that~~ pressure is applied application for bonding of said elastic body attached by pressure application for bonding is larger than ~~the~~ an amount of elastic body spring back ~~amount~~, and ~~said a~~ force of pressure application for bonding applied to said elastic body for bonding is not more than ~~the~~ a quantity of force making in which said elastic body ~~hold~~ holds an elasticity maintenance percentage of 95% or more.

13. (currently amended) The lithium secondary cell according to claim 755, wherein said elastic body ~~is made of~~ comprises any one of ethylene polypropylene rubber, polyethylene, polypropylene and fluororesin.

14. (currently amended) The lithium secondary cell according to claim 755, wherein said external terminal member ~~as well as~~ and said internal terminal member ~~is~~ are constructed with different metals.

15. (currently amended) The lithium secondary cell according to claim 755, wherein: ———said plate member, said external terminal member ~~as well as~~ and said internal terminal member ~~is made of~~ comprises any one of Al, Cu, and Ni or ~~alloy of any of~~ Al, Cu, Ni alloys thereof; and

——at least two of said plate member, said external terminal member, and said internal terminal member are produced by a method selected from a group consisting of friction bonding, brazing, welding, clamping and forging clamping, and any combination of those methods.

16. (currently amended) The lithium secondary cell according to claim 755, wherein said cell case and said electrode ~~cap~~ caps are ~~brought into bonding~~ bonded by applying clamping processing ~~applying~~ pressure for bonding to the portion of said cell case in contact with said electrode ~~cap~~ caps and an outer ~~periphery~~ peripheral portion of said electrode ~~cap~~ caps for forming and/or welding processing to weld an end portion of said cell case and the outer periphery of said electrode ~~cap~~ caps.

Claims 17-53 (canceled)

54. (new) A lithium secondary cell, comprising:

an internal electrode body including a hollow cylindrical winding core, a positive electrode plate and a negative electrode plate wound around an external peripheral wall of the hollow cylindrical winding core, a separator disposed between the positive and negative electrode plates, and a nonaqueous electrolyte solution impregnating the internal electrode body;

a cylindrical cell case opened at both ends and housing the internal electrode body;

electrode caps sealing the internal electrode body inside of the cell case at both open ends of the cell case, each of the electrode caps being provided with a plate member, and at least one of the electrode caps has a pressure release hole in a position corresponding with the central axis of the winding core;

an external terminal member protruding onto the surface of the electrode caps to lead current outside of the cell; and

an internal terminal member brought into connection with the internal electrode body and taking current from the internal electrode body, wherein

at least two members selected from the group consisting of the plate member, the external terminal member and the internal terminal member are joined together for construction.

55. (new) A lithium secondary cell, comprising:

an internal electrode body including a hollow cylindrical winding core, a positive electrode plate and a negative electrode plate wound around an external peripheral wall of the hollow cylindrical winding core, a separator disposed between the positive and negative electrode plates, and a nonaqueous electrolyte solution impregnating the internal electrode body;

a cylindrical cell case opened at both ends and housing the internal electrode body;

electrode caps sealing the internal electrode body inside the cell case at both open ends of the cell case, each of the electrode caps being provided with a plate member;

an external terminal member protruding onto the surface of the electrode caps to lead current outside of the cell;

an internal terminal member brought into connection with the internal electrode body and taking current from the internal electrode body; and

an elastic body sandwiched among any of said plate member, said external terminal member and said internal terminal member, wherein

at least two members selected from the group consisting of the plate member, the external terminal member and the internal terminal member are joined together for construction, and the elastic body is made of at least two kinds of packing having different levels of hardness.

56. (new) A lithium secondary cell, comprising:

an internal electrode body including a hollow cylindrical winding core, a positive electrode plate and a negative electrode plate wound around an external peripheral wall of the hollow cylindrical winding core, a separator disposed between the positive and negative electrode plates, and a nonaqueous electrolyte solution impregnating the internal electrode body;

a cylindrical cell case opened at both ends and housing the internal electrode body;

electrode caps sealing the internal electrode body inside the cell case at both open ends of the cell case, each of the electrode caps being provided with a plate member;

an external terminal member protruding onto the surface of the electrode caps to lead current outside of the cell;

an internal terminal member brought into connection with the internal electrode body and taking current from the internal electrode body; and

an elastic body sandwiched among any of said plate member, said external terminal member and said internal terminal member, wherein

at least two members selected from the group consisting of the plate member, the external terminal member and the internal terminal member are joined together for construction, and an amount of deformation of said elastic body in a direction that pressure is applied to said elastic body for bonding is larger than an amount of elastic body spring back, and a force of pressure applied to said elastic body for bonding is not more than a quantity of force in which said elastic body holds an elasticity maintenance percentage of 95% or more.

57. (new) The lithium secondary cell according to claim 56, wherein said elastic body electrically insulates the positive electrode and negative electrode plates from one another.

58. (new) The lithium secondary cell according to claim 56, wherein said elastic body has an electric resistivity of not less than $10^{10} \Omega/\text{cm}$.

59. (new) The lithium secondary cell according to claim 56, wherein said elastic body comprises at least two kinds of packing having different levels of hardness.

60. (new) The lithium secondary cell according to claim 56, wherein said elastic body comprises any one of ethylene polypropylene rubber, polyethylene, polypropylene and fluororesin.

61. (new) The lithium secondary cell according to claim 56, wherein said external terminal member and said internal terminal member are constructed with different metals.

62. (new) The lithium secondary cell according to claim 56, wherein said plate member, said external terminal member and said internal terminal member comprises any one of Al, Cu and Ni or alloys thereof, and at least two of said plate member, said external terminal member, and said internal terminal member are produced by a method selected from a group consisting of friction bonding, brazing, welding, clamping and forging clamping, and any combination of those methods.

63. (new) The lithium secondary cell according to claim 56, wherein said cell case and said electrode caps are bonded by applying clamping processing pressure for bonding to the portion of said cell case in contact with said electrode caps and an outer peripheral portion of said electrode caps for forming and/or welding processing to weld an end portion of said cell case and the outer periphery of said electrode caps.